

Patent Abstracts of Japan

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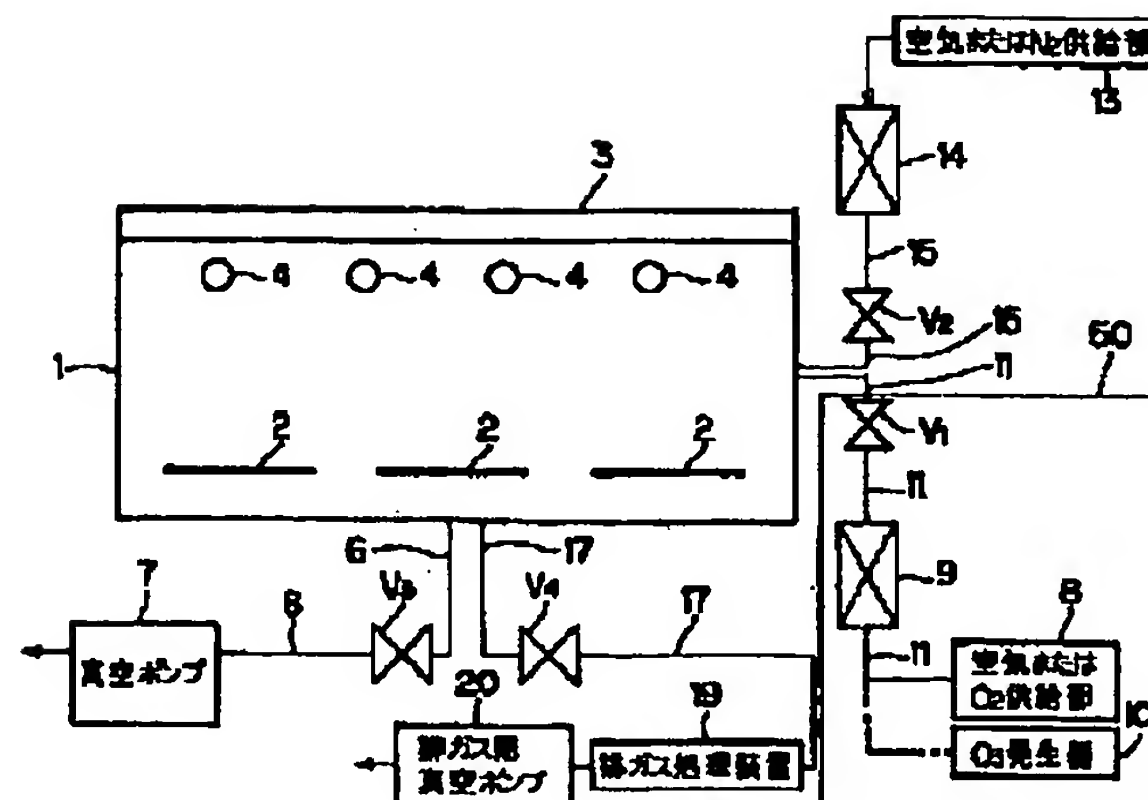
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TITLE : VACUUM STOREHOUSE



ABSTRACT : PURPOSE: To efficiently remove the carbonaceous org. contaminant depositing on the material stored in the vacuum storehouse by providing an UV lamp in the storehouse to irradiate the material with UV.

CONSTITUTION: An UV lamp 4 is provided in a vacuum storehouse 1 for a material 2 to irradiate the material 2 with UV. A device 50 is furnished to supply a cleaning gas consisting of any of air, oxygen and ozone to the chamber provided with the UV lamp 4. The oxygen in air is irradiated with UV to generate nascent oxygen. The nascent oxygen is firmly joined to the org. matter which is decomposed and removed. Consequently, a carbonaceous org. contaminant film depositing on the material such as a wafer, glass substrate, etc., in the storehouse is efficiently removed.

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